

# ITCC

September 14, 2016 – Room 438 - ITD



**NORTH DAKOTA**  
INFORMATION  
TECHNOLOGY  
DEPARTMENT

# Agenda

1:00	Update on EA Activity	Jeff Quast
1:15	Update on ITD Activity	Gary Vetter
1:30	Update on Agency Activities	Jeff Quast
1:40	Updated SLAs	Gary Vetter
1:50	Email Header	Jeff Quast
2:00	Large Project Ranking	Justin Data
2:10	Microsoft Updates	Dean Glatt
2:20	Ransomware Incident	Sean Wiese
2:30	ManTech Audit Update	Sean Wiese
2:40	Enterprise Wiki Service	Eli Cornell
2:55	Future Agenda Items	

# EA Activity

## Architecture Teams Recaps

- Security Architecture
  - BND Email policies and configuration
  - MS Patching
  - WSI Waiver for Awareness Training
- Data Architecture
  - Form Design Guidelines published
  - BI Tools Guideline
  - Digital Assets Management
- Technology and Application Architecture
  - Avaya Plugin Issues
  - Microsoft Patching changes
  - MOVEit Demo
  - Mobile Device Management

# ITD Activity

- Brown Bag Lunch – Review
  - Lewis Pugh Exclusive CIO Mastermind (Video)
    - Ordinary Won't Change the World
- Reminder – [Click-to-Call and Phone Password Changes](#)
- Reminder – MOVEit migration completion for internal folders is September 30, 2016, external folders is December 30, 2016
- Now Published
  - [Form Design Guidelines](#)
  - [Statewide Imagery from 1957-1962](#)
- YouTube ToS are being updated to allow government agencies to comply with them
- DCN has announced a Statewide Wireless Network initiative
- Cognos 11 Upgrade

# Agency Activity

- The North Dakota Heritage Center won the 2016 ITCND Technology Innovator Award
  - “The Heritage Center was recognized for its use of cutting-edge technology in its efforts to preserve and promote the heritage of North Dakota and its people.”
  - [YouTube Video](#)

# Agency Activity

The Department of Public Instruction is implementing an electronic workflow process for employee onboarding/off boarding

Employee Status change is an electronic workflow designed to assist DPI staff when managing employee status changes. A "status change" could mean:

- New Employee coming onboard
- Employee employment termination
  - Administrative leave
  - Dismissal
  - Resignation
  - Transfer
  - Retirement

# Agency Activity

- Name change
- Organizational change
  - Reclassification
  - Position change
  - Supervisory change
- Salary Change

The Employee Status Change is designed to collect Status Change information from Human Resources and employee supervisors, create workflows and checklists, assign tasks and notify necessary individuals, update the Employee processing website and generate a final record when all tasks are complete, which is placed in the employee's Personnel file.

# Updated SLAs

- Active Directory SLA
  - In the AD Attribute Editor, agencies must set "extensionattribute1" to an upper-case X if they wish to conceal an entry from the Contact a State Employee application on the ND.gov portal
- Enterprise SLA
  - Data Integrity and Ownership section now states, "Specific HIPAA Privacy Rules regarding Protected Health Information (PHI) and Confidentiality of Alcohol and Drug Abuse Patient Records are outlined in separate Business Associate Agreements."

# Email Header

- BND adds a header to all emails coming from an external address that reminds the recipient that it is an external email
  - BND shared this initiative with Security Architecture
  - Several agencies have expressed interest in doing the same
  - ITD is determining the level of effort needed to do this at the agency level, especially if agencies want a customized header
  - This is also something that could be done at an enterprise level

[REDACTED]

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**From:** [REDACTED]  
**Sent:** Thursday, September 08, 2016 5:10 PM  
**To:** [REDACTED]  
**Subject:** FW: [REDACTED] test email

Here ya go.

[REDACTED]

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**From:** [REDACTED] [mailto:[REDACTED]]  
**Sent:** Thursday, September 08, 2016 5:09 PM  
**To:** [REDACTED]  
**Subject:** [REDACTED] test email

**This email is from an external source.  
Please exercise caution when opening attachments and links.**

Please forward to [\[REDACTED\]](#)

thanks,

[REDACTED]

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The information contained in this email message, and any attachments, may be privileged and confidential. It is intended only for the use of the individual or entity to whom it is sent. If you are not the intended recipient of this email message and have received it by mistake, please do not review, retain, disclose, or otherwise use the communication. Instead, we would appreciate it if you would notify [REDACTED] immediately by responding to this email. Thank you for your cooperation.

# Large Project Ranking

## **What is it? Why do we do it?**

Per NDCC 54-59-02.1: “The department [ITD] shall submit information regarding proposed major information technology projects for executive branch state agencies, departments and institutions, excluding institutions under control of the state board of higher education and agencies of the judicial and legislative branches to the state information technology advisory committee . The committee shall review the projects and rank those projects that receive the committee’s affirmative recommendation. The chief information officer shall submit recommendations of the committee regarding the prioritization of major information technology projects to the information technology committee, the office of management and budget, and the appropriations committees of the legislative assembly. The judicial and legislative branches shall notify biennially the committee on their major information technology projects and priorities.”

# Large Project Ranking

- SITAC meeting is Tuesday, 9/27, at 1:30 p.m.
- Currently have 12 project worksheets on hand
- Expecting between two and four more to be submitted
- Total of 14 to 16 to rank for 2017-2019
- DOH, DOT, DPI, DTL, ITD, JSND, SOS, WSI
- Budgets range from just over \$500,000 to \$Millions
- General Funds, Special Funds and Federal Funds
- Previous biennia have seen up to 23 projects ranked
- Bottom line: Despite budget cuts, need for technology solutions remains strong

# Microsoft's New Patching Process

- Patches for Windows 7, 8.1, (10\*), Server 2008 and Server 2012 will be single rollups. Microsoft is moving to the same model for the .NET Framework too.
- These rollups will replace individual patches. They are going to include both security and reliability patches. They will be published to Windows Update, WSUS, SCCM and the Microsoft Update Catalog.
- As of October 2016 individual security patches will no longer be available. The ultimate goal is for the rollups to become fully cumulative.
- This method has a *potential* negative impact on our hosting patching cycle practices

# Microsoft Patch Changes



*Nadella visualizes a monthly rollup*

# MS Reasoning

- MS: Historically, we have released individual patches which allowed you to be selective. But this resulted in fragmentation. *(ITD Systems: Fragmentation is bad from a security perspective and very difficult to manage back-levels - but....this can break applications)*
- A rollup model has a more consistent and simplified servicing experience greater predictability, and higher quality updates. Getting and staying current will also be easier and it will minimize administrative overhead.
- Windows Update and WSUS will utilize express packages, keeping the download size small. We will also be updating our down-level documentation. The monthly .NET Rollup will deliver updates to the .NET Framework versions currently installed on your machine.

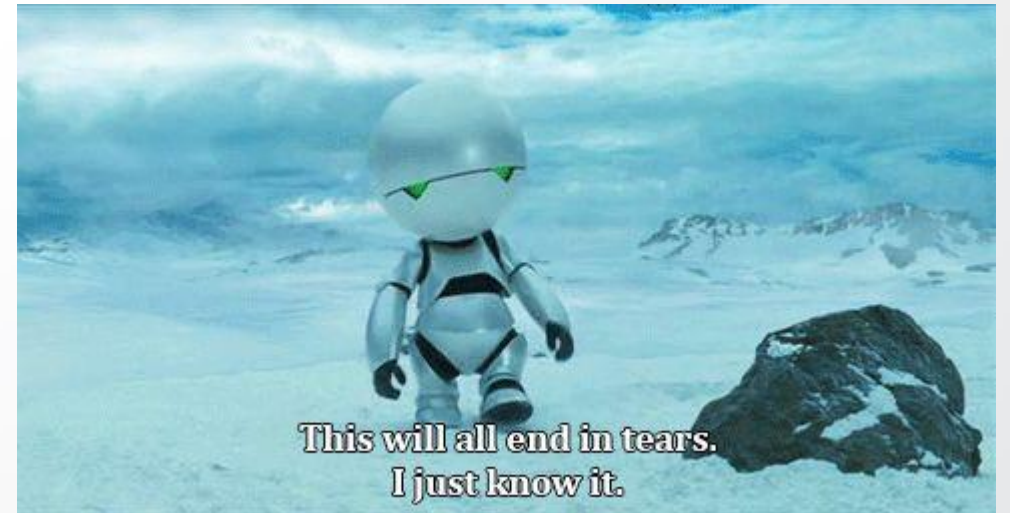
# May be some good things...

Each Monthly Rollup will supersede the previous month's. So there will always be only one update required to get your Windows up-to-date.

**Microsoft to change how older OS installs get updates.**

Starting September, it'll be more like the Windows 10 way of servicing.

**So on the next Patch Tuesday**, get set for one single rollup update. This means you'll no longer be able to select the patches that work for you.



# Security Update

- Ransomware Incident
- ManTech Audit Results

# Enterprise Wiki Solution

Demonstration by Eli Cornell



# THANK YOU

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